Yang, et al. Patent Appln. No. 10/091,627 Jones, Day, Reavis & Pogue Docket No. 609920-600-025 Sandra B. Weiss - Telephone (312) 782-3939

1/35

Yang, et al. Patent Appln. No. 10/091,627 Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939

2/35

KETONES:

STEROIDS:

9 R = H 10 R = MOM

11 R = H 12 R = Ac

13

14

Yang, et al.
Patent Appln. No. 10/091,627
Jones, Day, Reavis & Pogue Docket No. 609920-600-025
Sandra B. Weiss - Telephone (312) 782-3939

3/35

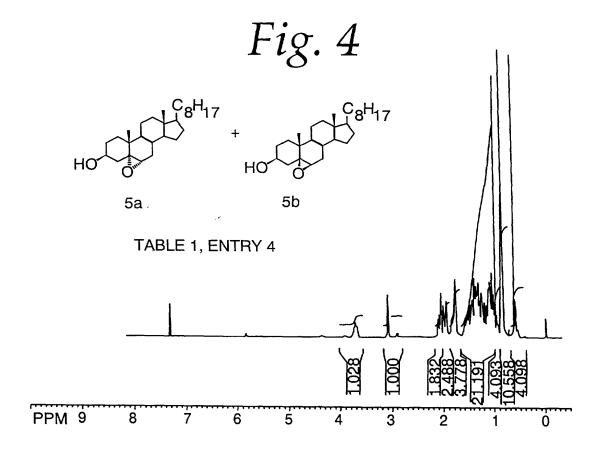
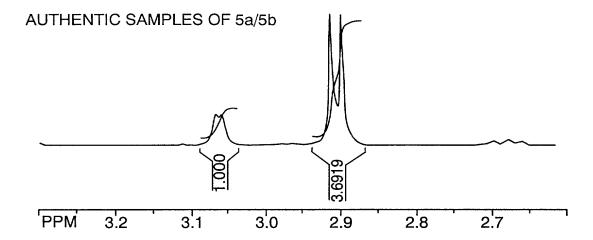
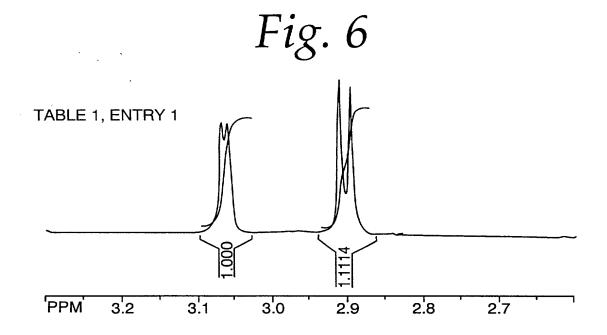


Fig. 5







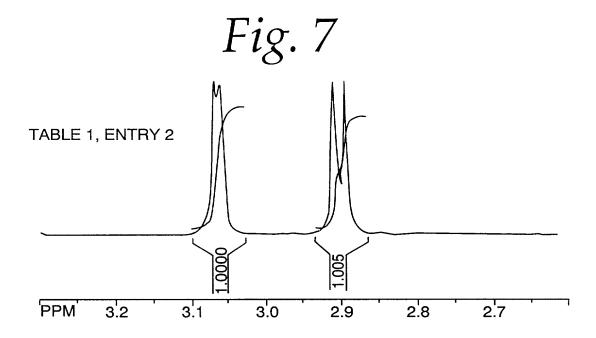
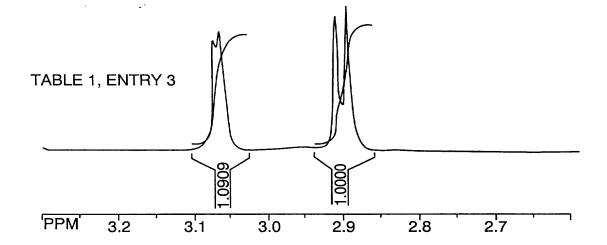


Fig. 8



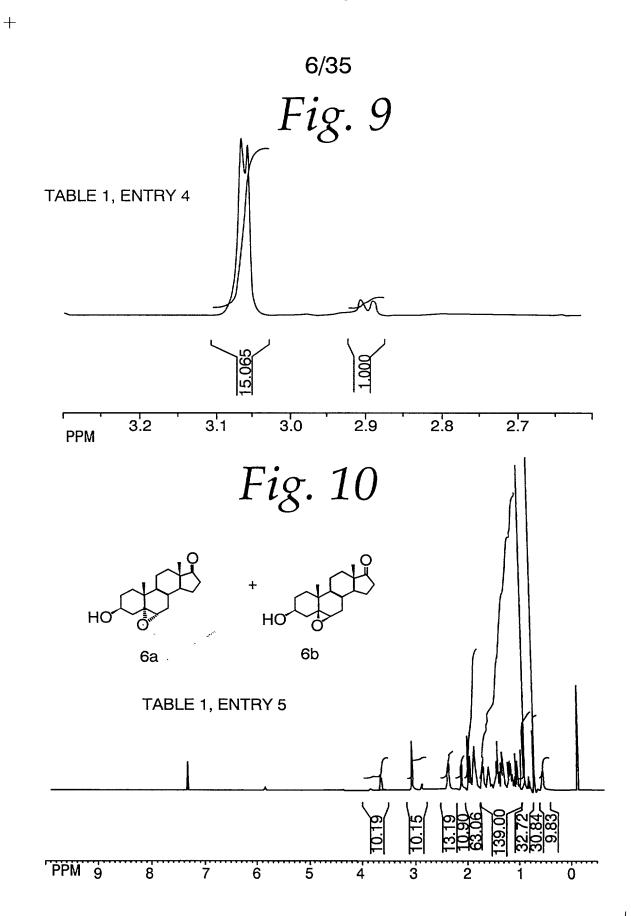


Fig. 11

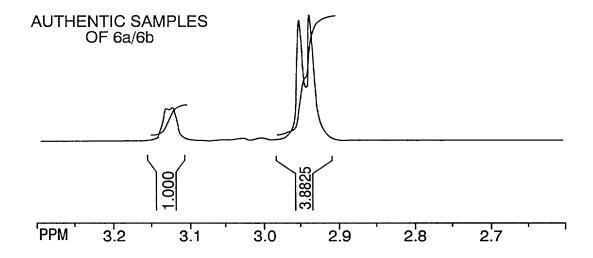
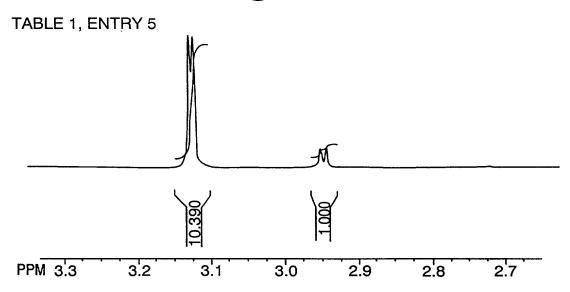


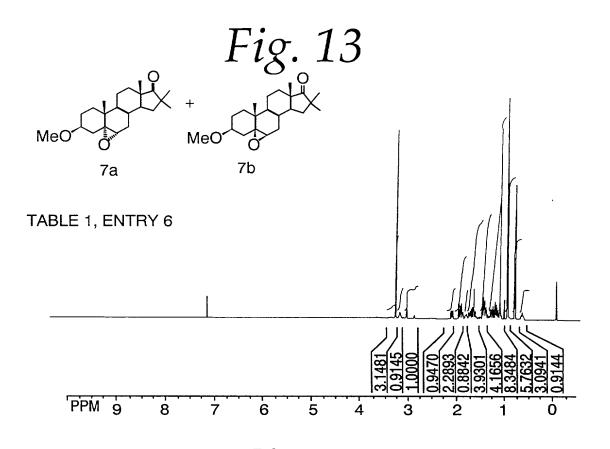
Fig. 12

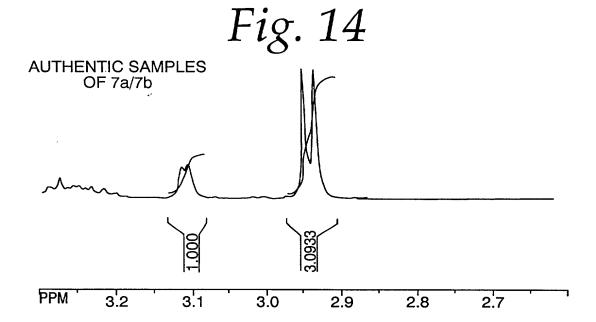


Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939





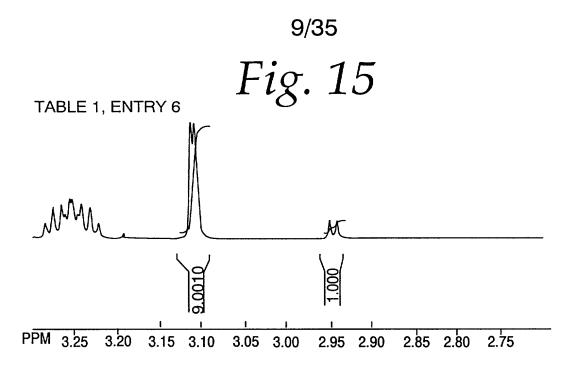
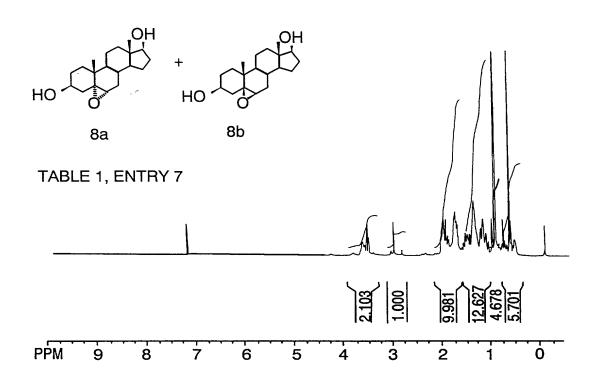


Fig. 16



Yang, et al.
Patent Appln. No. 10/091,627
Jones, Day, Reavis & Pogue Docket No. 609920-600-025
Sandra B. Weiss - Telephone (312) 782-3939

Fig. 17

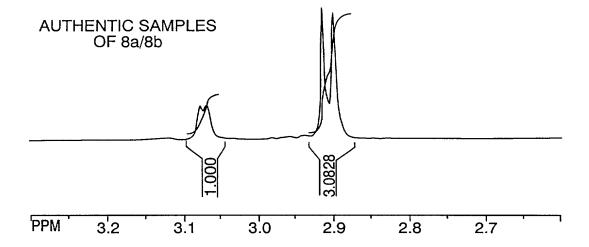
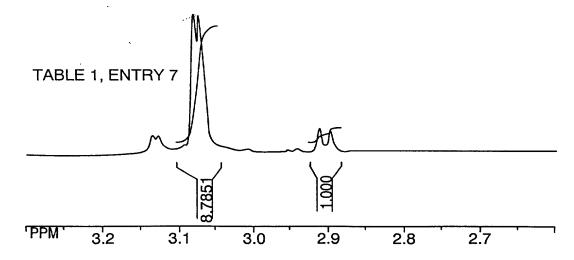


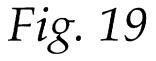
Fig. 18



Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939



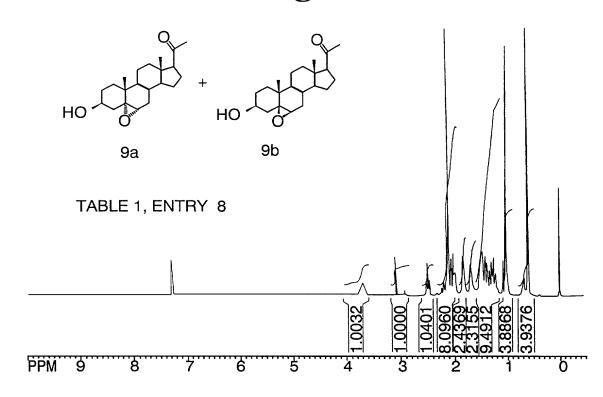
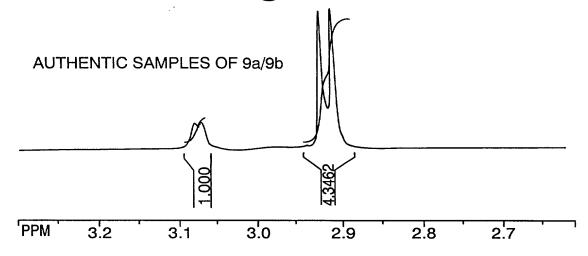


Fig. 20



Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939

Fig. 21

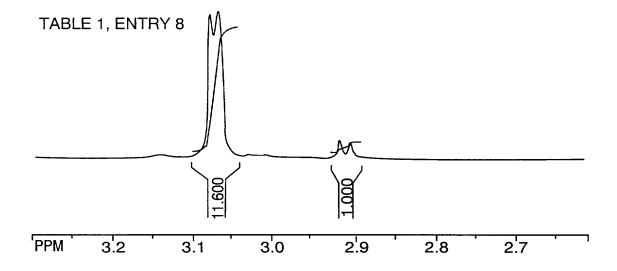
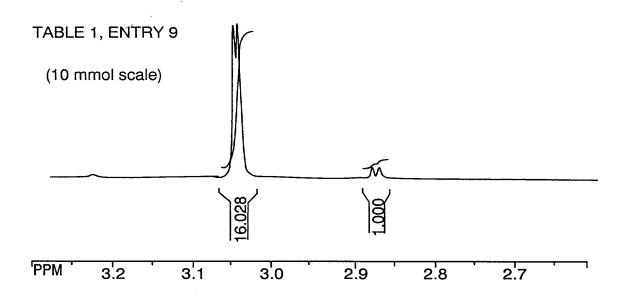
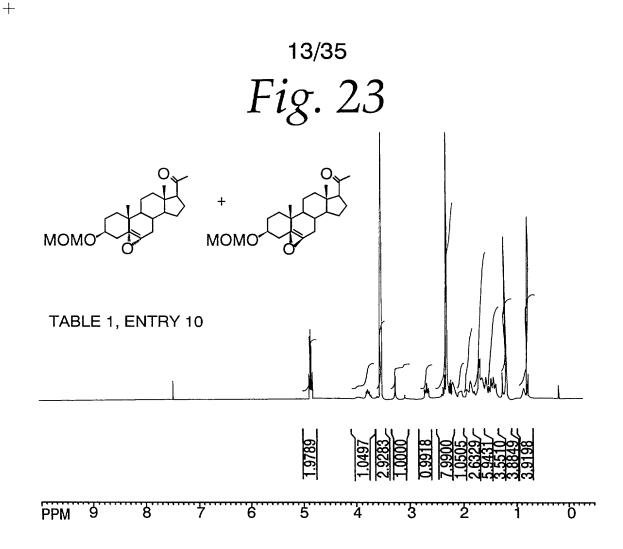
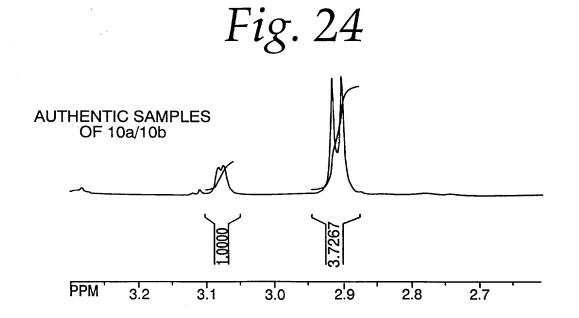
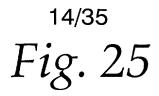


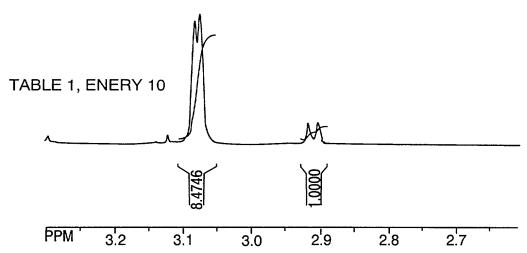
Fig. 22

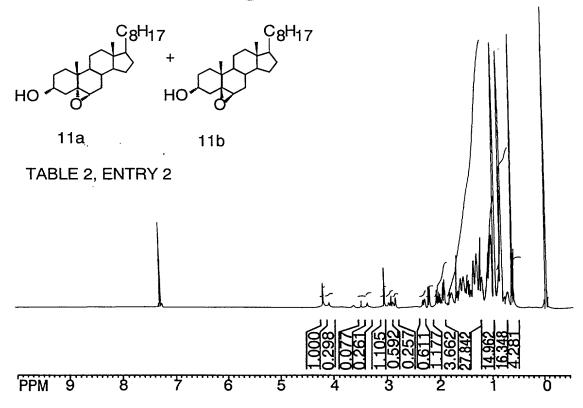












Yang, et al. Patent Appln. No. 10/091,627 Jones, Day, Reavis & Pogue Docket No. 609920-600-025 Sandra B. Weiss - Telephone (312) 782-3939

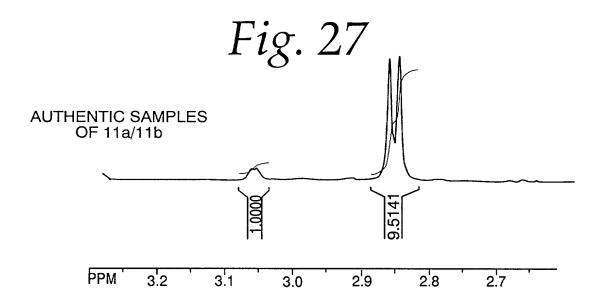


Fig. 28

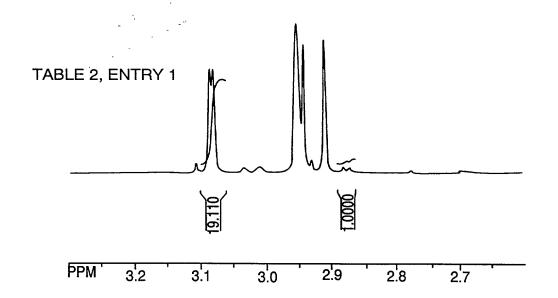


Fig. 29

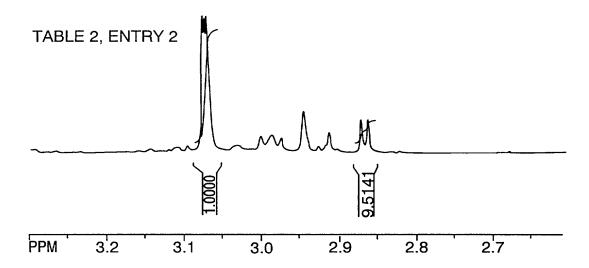
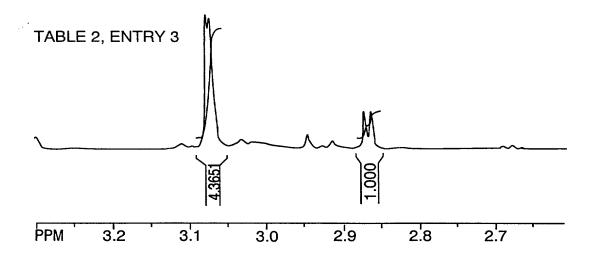
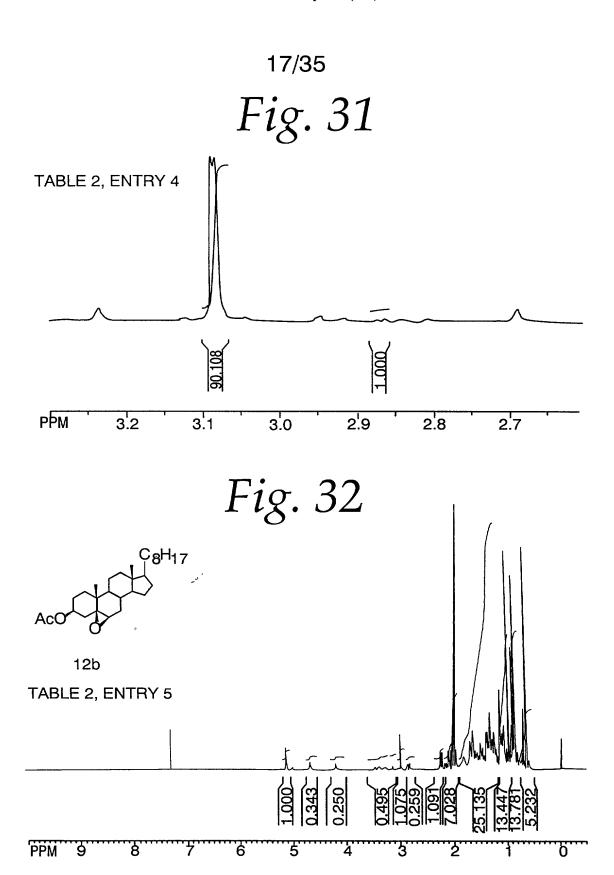


Fig. 30





Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939

Fig. 33

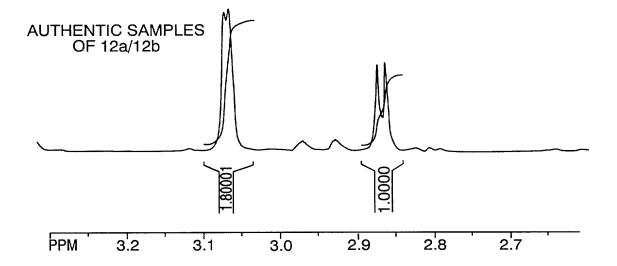
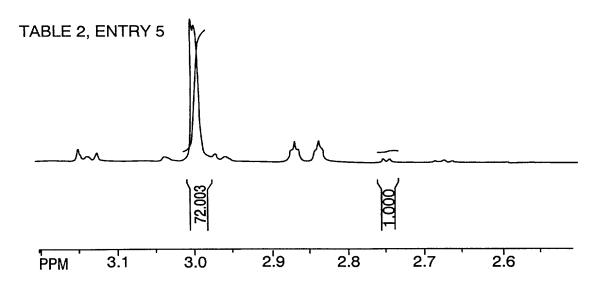
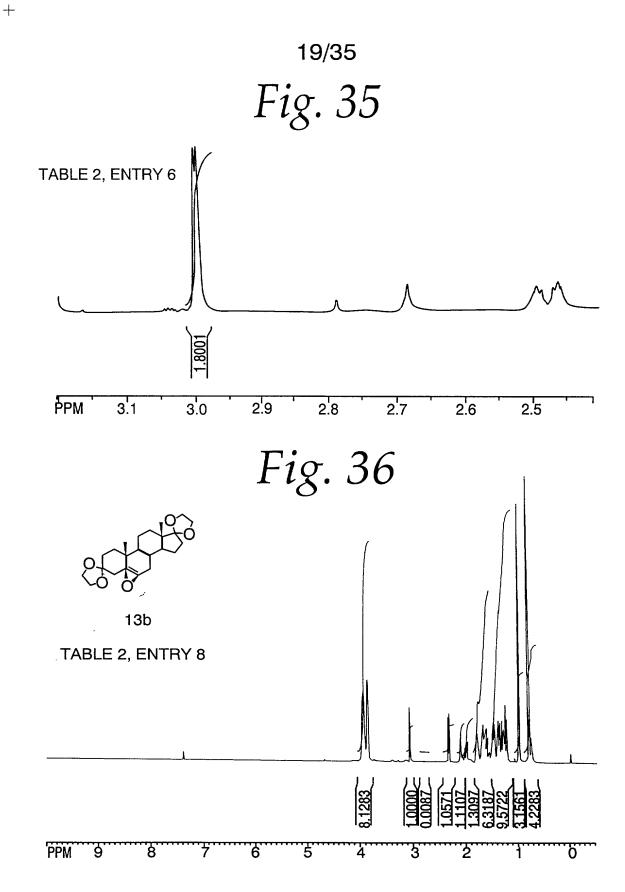
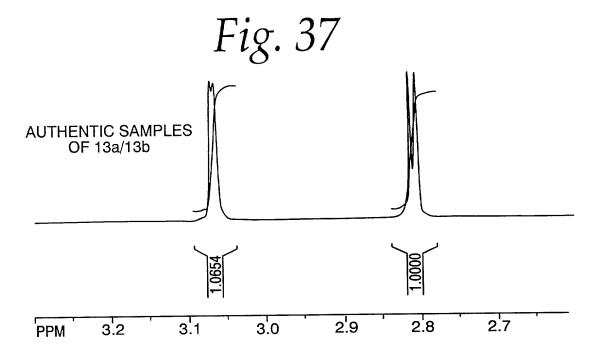


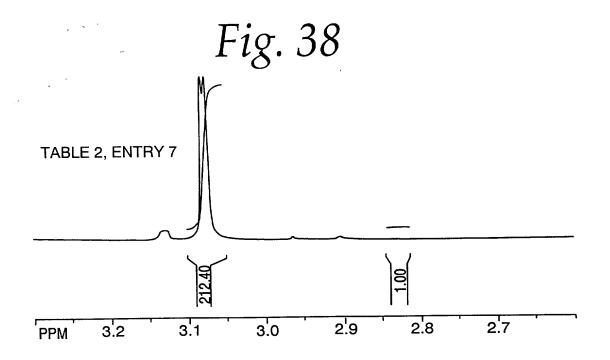
Fig. 34





Yang, et al. Patent Appln. No. 10/091,627 Jones, Day, Reavis & Pogue Docket No. 609920-600-025 Sandra B. Weiss - Telephone (312) 782-3939





Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939

Fig. 39

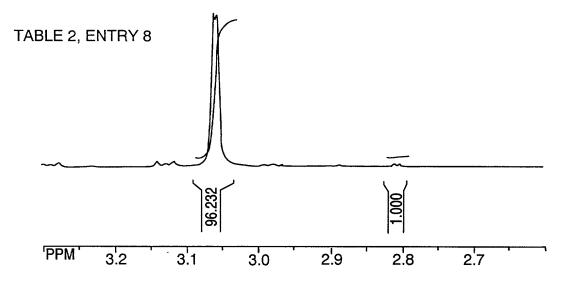
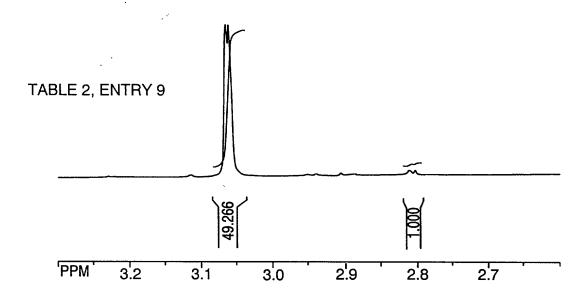
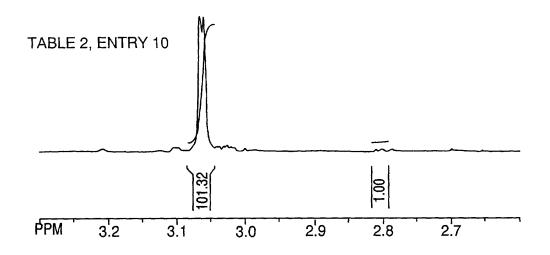


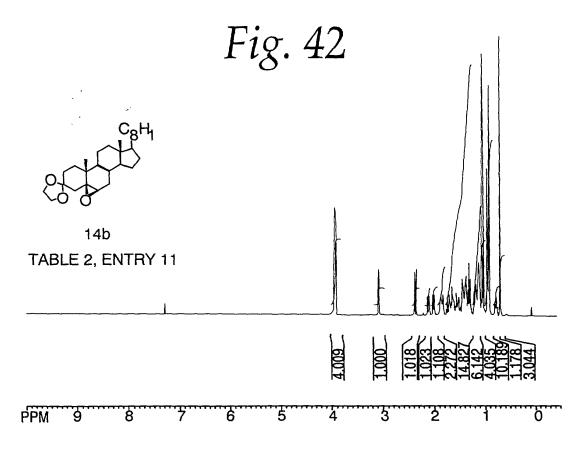
Fig. 40



Yang, et al.
Patent Appln. No. 10/091,627
Jones, Day, Reavis & Pogue Docket No. 609920-600-025
Sandra B. Weiss - Telephone (312) 782-3939

22/35 Fig. 41





Yang, et al.
Patent Appln. No. 10/091,627
Jones, Day, Reavis & Pogue Docket No. 609920-600-025
Sandra B. Weiss - Telephone (312) 782-3939

Fig. 43

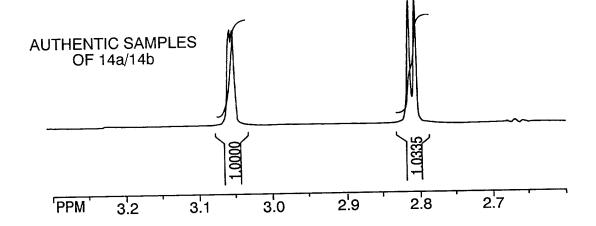
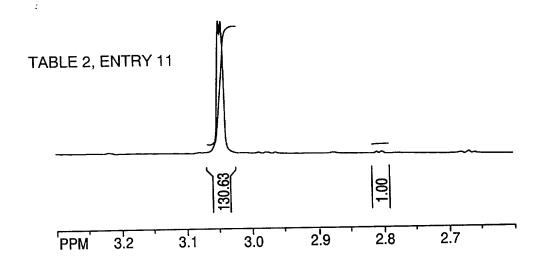
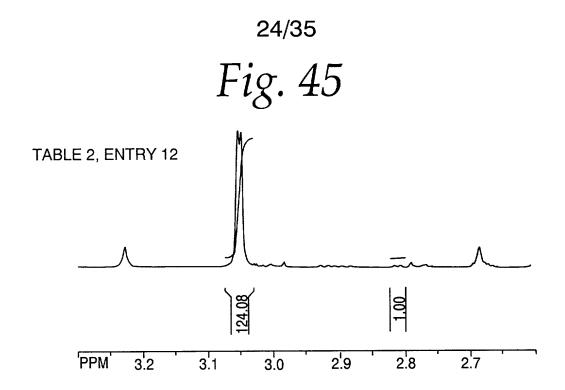
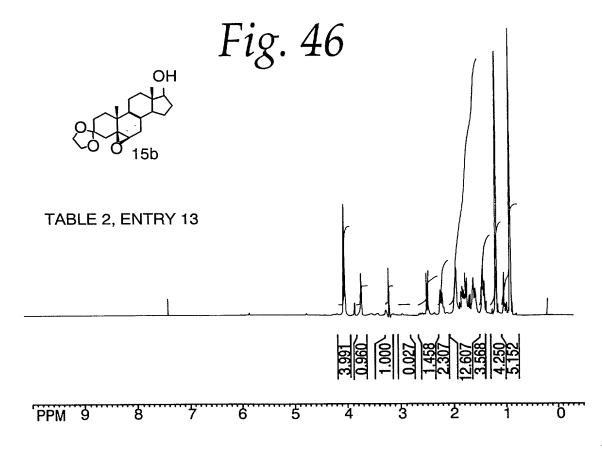


Fig. 44







Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939

Fig. 47

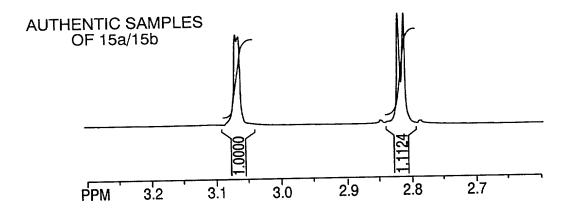
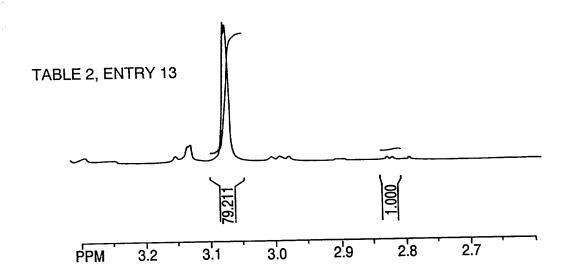


Fig. 48

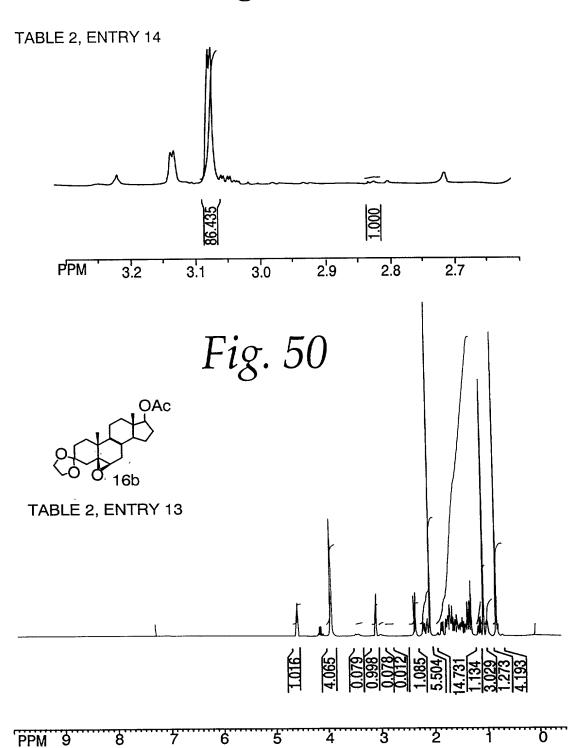


Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939

26/35



Yang, et al.
Patent Appln. No. 10/091,627
Jones, Day, Reavis & Pogue Docket No. 609920-600-025
Sandra B. Weiss - Telephone (312) 782-3939

27/35

Fig. 51

AUTHENTIC SAMPLES OF 16a/16b

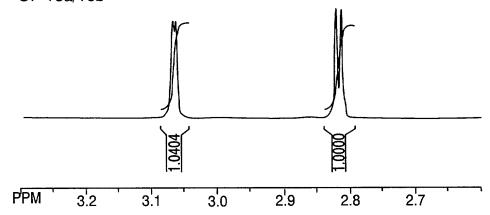
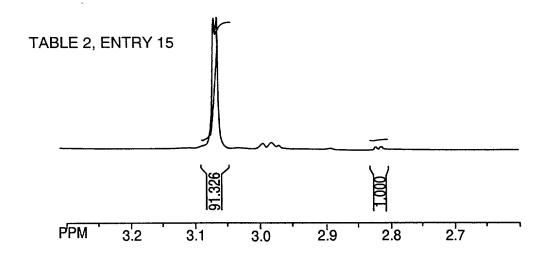


Fig. 52



Yang, et al.
Patent Appln. No. 10/091,627
Jones, Day, Reavis & Pogue Docket No. 609920-600-025
Sandra B. Weiss - Telephone (312) 782-3939

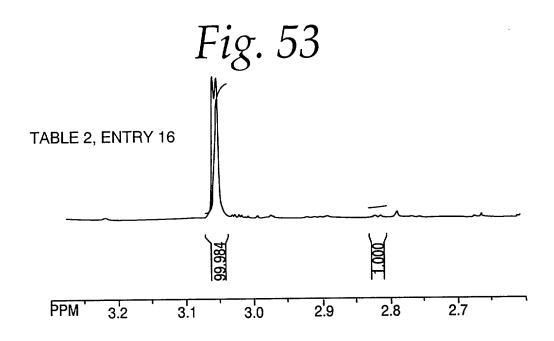
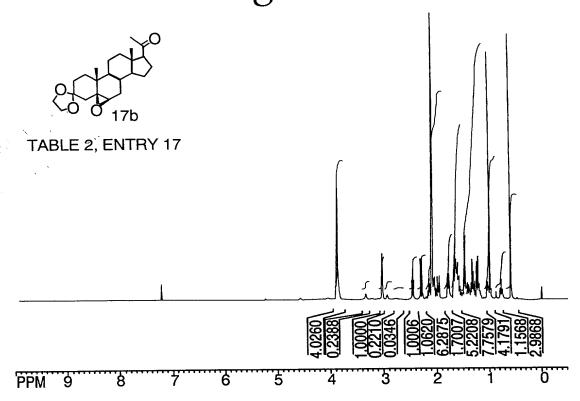
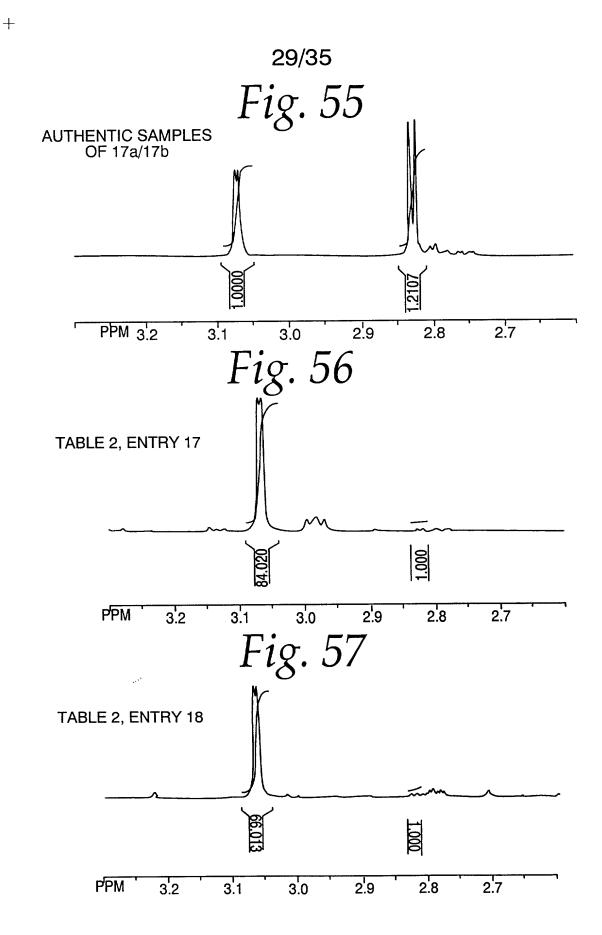


Fig. 54





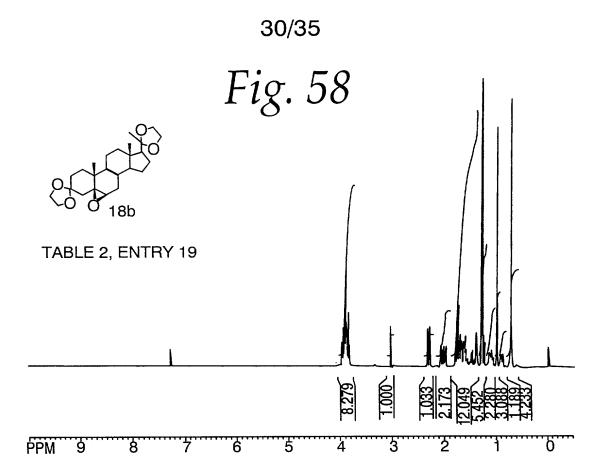
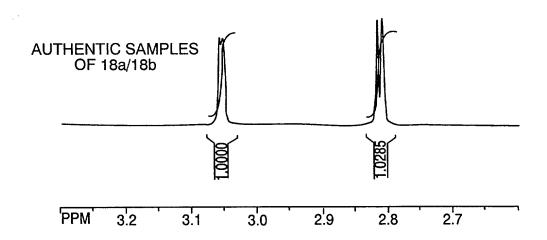


Fig. 59



Yang, et al.
Patent Appln. No. 10/091,627

Jones, Day, Reavis & Pogue Docket No. 609920-600-025

Sandra B. Weiss - Telephone (312) 782-3939

Fig. 60

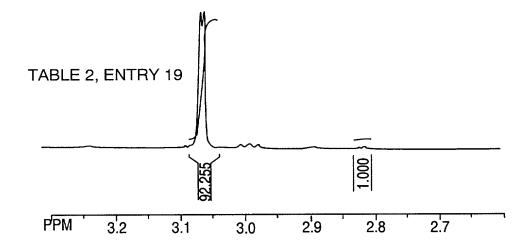
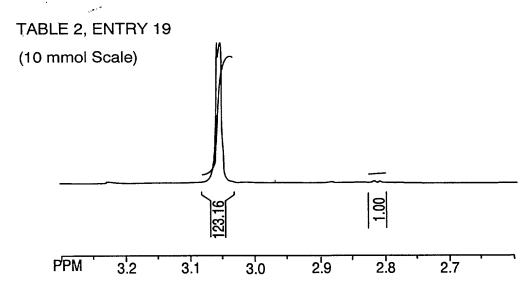
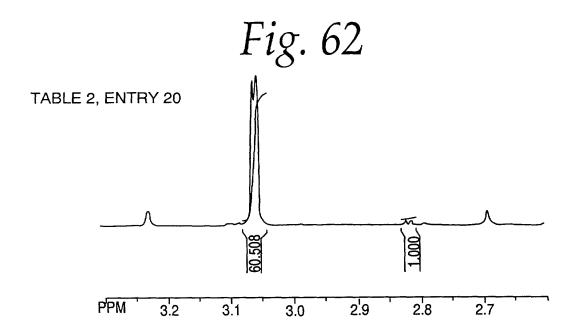
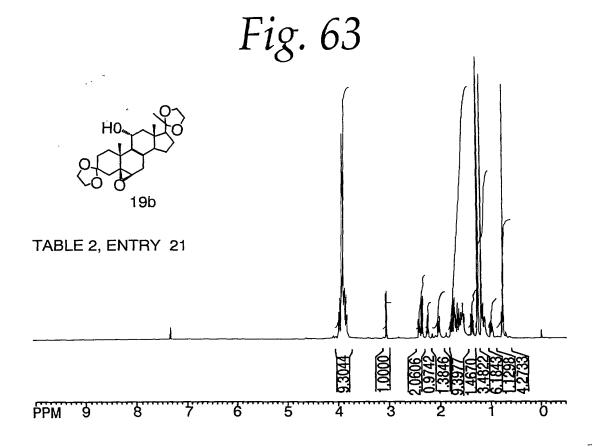


Fig. 61



Yang, et al. Patent Appln. No. 10/091,627 Jones, Day, Reavis & Pogue Docket No. 609920-600-025 Sandra B. Weiss - Telephone (312) 782-3939





Yang, et al.
Patent Appln. No. 10/091,627
Jones, Day, Reavis & Pogue Docket No. 609920-600-025
Sandra B. Weiss - Telephone (312) 782-3939

Fig. 64

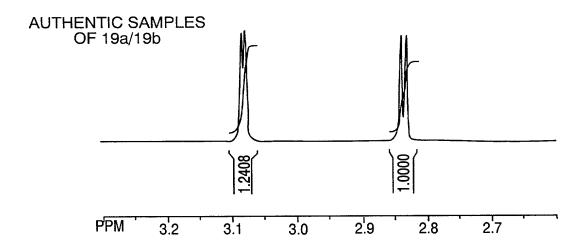


Fig. 65

